Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 23 Jul 2023 until 23:59 on Monday 24 Jul 2023

Forecast Issued on Saturday 22 Jul 2023 at 15:31

Confidence: High for a wet weekend and following theme of sunshine and showers from Monday, ahead of a further wetter, windier spell midweek, with detail again uncertain.

Headline for Sunday 23 Jul 2023: Extensively cloudy and wet.

Mountain weather hazards on Sunday 23 Jul 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
High Likelihood

Storm force winds
No Likelihood

Poor visibility
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Heavy Rain
Precipitation probability							
80%	80%	80%	70%	80%	80%	60%	80%

Forecast for Sunday 23 Jul 2023

Weather: Another extensively cloudy and wet day, with a band of rain having stalled overhead in the vicinity. Light winds in valleys and the persistence of the rain are likely to mean poor visibility and difficult navigation throughout, with rivers likely to be in spate when considered with Saturday's rainfall.

Chance of cloud-free hill tops above 600m: Near nil.

Low cloud and visibility: Visibility poor throughout, with cloud near valleys floors, perhaps blanket at 400 metres at best, with ragged cloud below this.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Sunday 23 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/13 S	7/11 NW	9/13 N	10/16 N	14/19 N	16/22 N	16/23 N	16/22 N	17/25 NE
300	6/12 S	6/10 S	7/12 SW	8/14 S	9/15 N	13/22 N	13/23 N	12/20 NE	13/22 NE
Valley	4/10 SE	4/8 S	5/12 N	6/13 S	5/14 N	11/23 N	13/25 N	12/24 NE	15/29 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/12	12/11	12/10	12/10	12/10	12/9	11/8	10/7	9/6
300	15/14	14/14	14/13	14/13	15/14	15/13	14/12	12/10	12/10
Valley	15/15	14/15	14/14	15/14	15/15	15/14	14/12	13/11	12/10
Freezing Level*	3100m	3000m	2900m	2900m	2900m	2900m	2700m	2600m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The centre of the weather system driving Sunday's wet weather will be nearby throughout, with wind direction especially low confidence.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 22 Jul 2023	24mm	28.2mm	28.2mm

Forecast for Monday 24 Jul 2023

Weather: The rain that dominated the weekend should finally edge southwards on Monday morning, leaving drier, brighter conditions and some sunny spells in its wake. Temperatures near normal but feeling comparatively warm in sunshine versus the weekend.

Maximum wind: Northeasterly 25mph, easing.

Chance of cloud-free hill tops above 600m: 30 improving 90%.

Low cloud and visibility: Poor at first, but improving very good, perhaps notably so.

Temperature: **Valleys:** Plus 9 becoming plus 19 degrees Celsius.
At 600m: Plus 10 degrees Celsius.
Freezing level: Well above the peaks.

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